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FILE 'HOME' ENTERED AT 11:33:23 ON 03 AUG 2005

=> FIL STNGUIDE COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 11:33:29 ON 03 AUG 2005 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jul 29, 2005 (20050729/UP).

=> file reg

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.06 0.27

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:33:47 ON 03 AUG 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 American Chemical Society (ACS)

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STRUCTURE FILE UPDATES: 2 AUG 2005 HIGHEST RN 857941-82-3 DICTIONARY FILE UPDATES: 2 AUG 2005 HIGHEST RN 857941-82-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer

to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

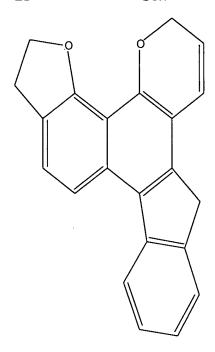
=>

Uploading C:\Program Files\Stnexp\Queries\nappy1.str

L1 STRUCTURE UPLOADED

=> dis que

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 11:34:23 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 327 TO ITERATE

100.0% PROCESSED 327 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5456 TO 7624

PROJECTED ANSWERS: 0 TO

L2 0 SEA SSS SAM L1

=> search l1

ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.

ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET: full

FULL SEARCH INITIATED 11:34:44 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 7140 TO ITERATE

100.0% PROCESSED 7140 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

0 SEA SSS FUL L1

Uploading C:\Program Files\Stnexp\Queries\nappy1.str

STRUCTURE UPLOADED L4

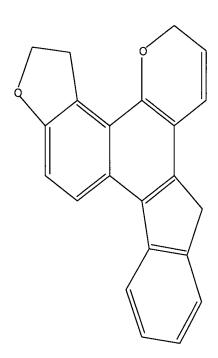
Uploading C:\Program Files\Stnexp\Queries\nappy1.str

Uploading C:\Program Files\Stnexp\Queries\nappy2.str

STRUCTURE UPLOADED L5

=> dis que

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 11:42:15 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 1516 TO ITERATE

100.0% PROCESSED 1516 ITERATIONS 1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS:

27985 TO 32655

PROJECTED ANSWERS:

1 TO 80

L6 1 SEA SSS SAM L5

=> search 15

ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.

ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET: full FULL SEARCH INITIATED 11:42:34 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 30978 TO ITERATE

100.0% PROCESSED 30978 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

L7 3 SEA SSS FUL L5

=> d 17 1-3

L7 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN

RN 201352-09-2 REGISTRY

ED Entered STN: 15 Feb 1998

CN Benzo[2,3]benzofuro[5,4-h]indeno[2,1-f]-1-benzopyran-5-acetic acid, 2,5-dihydro-5-hydroxy-2-(4-methoxyphenyl)-2-[4-(4-morpholinyl)phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C47 H39 N O7

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN

RN 201352-08-1 REGISTRY

ED Entered STN: 15 Feb 1998

CN Benzo[2,3]benzofuro[5,4-h]indeno[2,1-f]-1-benzopyran-5-acetic acid, 2,5-dihydro-5-hydroxy-2,2-bis(4-methoxyphenyl)-, ethyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C44 H34 O7

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN

RN 200806-32-2 REGISTRY

ED Entered STN: 05 Feb 1998

CN Benzo[2,3]benzofuro[5,4-h]indeno[2,1-f]-1-benzopyran-5-ol,

5-ethyl-2,5-dihydro-2,2-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

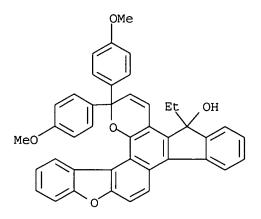
CN 3,3-Bis(4-methoxyphenyl)-16-hydroxy-16-ethyl-16Hbenzofuro[2',3':7,8]indeno[2',3':3,4]naphtho[1,2-b]pyran

FS 3D CONCORD

MF C42 H32 O5

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>
Uploading C:\Program Files\Stnexp\Queries\nappy3.str

L8 STRUCTURE UPLOADED

=> s 18

SAMPLE SEARCH INITIATED 11:45:50 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 1516 TO ITERATE

100.0% PROCESSED 1516 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

ONLINE \*\*COMPLETE\*\* FULL FILE PROJECTIONS:

> \*\*COMPLETE\*\* BATCH

PROJECTED ITERATIONS:

27985 TO 32655

PROJECTED ANSWERS:

O TO

L9

0 SEA SSS SAM L8

=> search 18

ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.

ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET: full

FULL SEARCH INITIATED 11:46:08 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 30978 TO ITERATE

100.0% PROCESSED 30978 ITERATIONS 4 ANSWERS

SEARCH TIME: 00.00.01

L10

4 SEA SSS FUL L8

=> d 110 1-4

L10 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN

RN 532428-16-3 REGISTRY

ED Entered STN: 17 Jun 2003

CN Benzofuro [5,6-h] indeno [2,1-f] [1] benzopyran-9-ol, 1,2,6,9-tetrahydro-6,6-

bis(4-methoxyphenyl)-9-phenyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

C42 H32 O5 MF

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN

532428-14-1 REGISTRY RN

ED Entered STN: 17 Jun 2003 CN Benzofuro[5,6-h]indeno[2,1-f][1]benzopyran-9-ol, 9-ethyl-1,2,6,9-tetrahydro-6,6-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C38 H32 O5

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN

RN 532428-12-9 REGISTRY

ED Entered STN: 17 Jun 2003

CN Benzofuro[5,6-h]indeno[2,1-f][1]benzopyran-9-ol, 1,2,6,9-tetrahydro-6,6-bis(4-methoxyphenyl)-9-methyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C37 H30 O5

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN RN 532428-11-8 REGISTRY

ED Entered STN: 17 Jun 2003

CN Benzofuro[5,6-h]indeno[2,1-f][1]benzopyran-9-ol, 1,2,6,9-tetrahydro-6-(4-

methoxyphenyl)-6,9-diphenyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C41 H30 O4

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file ca
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

505.31

505.04

FULL ESTIMATED COST

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FILE COVERS 1907 - 28 Jul 2005 VOL 143 ISS 6 FILE LAST UPDATED: 28 Jul 2005 (20050728/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 111

```
L11 ANSWER 1 OF 1 CA COPYRIGHT 2005 ACS on STN
AN
     139:8129 CA
     Photochromic naphthopyran compounds and compositions and articles
TI
     containing them
IN
     Qin, Xuzhi
     Vision-Ease Lens, Inc., USA
PΑ
SO
     PCT Int. Appl., 37 pp.
     CODEN: PIXXD2
DT
     Patent
     English
LΑ
FAN.CNT 1
                       KIND DATE
     PATENT NO.
                                           APPLICATION NO.
                                                                    DATE
                        ____
                                            ______
     _____
                                -----
PΙ
     WO 2003044022
                         A2
                                20030530
                                          WO 2002-US37469
                                                                   20021120
     WO 2003044022
                         A3
                                20040122
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR
                                20030807 US 2001-38350
20040818 EP 2002-792287
                     A1
A2
     US 2003146419
                                                                    20011120
     EP 1446406 A2 20040818 EP 2002-152201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
           __IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
PRAI US 2001-38350). A
                                20011120
                         W
     WO 2002-US37469
                                20021120
     MARPAT 139:8129
os
=> file reg
COST IN U.S. DOLLARS
                                                  SINCE FILE
                                                                  TOTAL
```

FULL ESTIMATED COST

ENTRY SESSION 1.48 506.79

FILE 'REGISTRY' ENTERED AT 11:47:59 ON 03 AUG 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 American Chemical Society (ACS)

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STRUCTURE FILE UPDATES: 2 AUG 2005 HIGHEST RN 857941-82-3 DICTIONARY FILE UPDATES: 2 AUG 2005 HIGHEST RN 857941-82-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

- \* The CA roles and document type information have been removed from \*
- \* the IDE default display format and the ED field has been added,

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\nappy4.str

L12 STRUCTURE UPLOADED

=> search 112
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
FULL SEARCH INITIATED 11:49:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 30978 TO ITERATE

100.0% PROCESSED 30978 ITERATIONS 0 ANSWERS SEARCH TIME: 00.00.01

L13 0 SEA SSS FUL L12

Uploading C:\Program Files\Stnexp\Queries\nappy5.str

L14 STRUCTURE UPLOADED

=> search 114
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
FULL SEARCH INITIATED 11:52:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 30978 TO ITERATE

100.0% PROCESSED 30978 ITERATIONS 0 ANSWERS SEARCH TIME: 00.00.01

L15 0 SEA SSS FUL L14

=> dis que L14 STR

Structure attributes must be viewed using STN Express query preparation. L15  $\,$  0 SEA FILE=REGISTRY SSS FUL L14

Uploading C:\Program Files\Stnexp\Queries\nappy6.str

L16 STRUCTURE UPLOADED

=> dis que L16 STR

Structure attributes must be viewed using STN Express query preparation.

=> search 116
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
FULL SEARCH INITIATED 11:55:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 30978 TO ITERATE

100.0% PROCESSED 30978 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L17 0 SEA SSS FUL L16

=>

Uploading C:\Program Files\Stnexp\Queries\nappy7.str

L18 STRUCTURE UPLOADED

=> dis que L18

STR

Structure attributes must be viewed using STN Express query preparation.

=> search 118
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
FULL SEARCH INITIATED 11:58:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 32382 TO ITERATE

100.0% PROCESSED 32382 ITERATIONS SEARCH TIME: 00.00.01

0 ANSWERS

L19

0 SEA SSS FUL L18

Uploading C:\Program Files\Stnexp\Queries\nappy8.str

L20 STRUCTURE UPLOADED

=> dis que

L20 STR

Structure attributes must be viewed using STN Express query preparation.

0 ANSWERS

=> search 120
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
FULL SEARCH INITIATED 12:00:14 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 32382 TO ITERATE

100.0% PROCESSED 32382 ITERATIONS

SEARCH TIME: 00.00.01

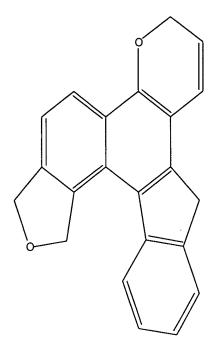
L21 0 SEA SSS FUL L20

Uploading C:\Program Files\Stnexp\Queries\nappy9.str

L22 STRUCTURE UPLOADED

=> dis que

L22 STR



Structure attributes must be viewed using STN Express query preparation.

0 ANSWERS

=> search 122
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
FULL SEARCH INITIATED 12:02:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 32382 TO ITERATE

100.0% PROCESSED 32382 ITERATIONS

SEARCH TIME: 00.00.01

L23 0 SEA SSS FUL L22